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## Claims

1 1. A data processor controlled user interactive display

2 interface comprising:

a first tree view of a hierarchy of selectable

4 elements in one region of a display interface screen,

5 a second tree view of a hierarchy of selectable

6 elements in a second region of display interface

7 screen, and

means responsive to the selection of an element from

9 either said first or second tree view for displaying

10 additional data relative to said selected element in

11 another region of said screen.

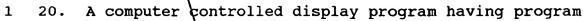
- 1 2. The display interface of claim 1 wherein said first
- 2 and second views are respective portions of the same
- 3 hierarchical tree.
- 1 3. The display interface of claim 2 wherein,
- said selected element is a parent object, and
- said additional displayed data comprises the
- 4 attributes of a plurality of child objects of said
- 5 selected object.
- 1 4. The display interface of claim 1 further including
- 2 means for interactively transferring elements from one of
- 3 said tree views of elements to another of said tree
- 4 views.
- 1 5. The display interface of claim 4 wherein said means
- 2 for transferring said elements are drag and drop means.



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- 1 6. The display interface of claim 3 further including
- 2 means for interactively transferring objects from one of
- 3 said tree views\of objects to another of said tree views.
- 1 7. The display interface of claim 6 wherein said means
- 2 for transferring said objects are drag and drop means.
- 1 8. The display interface of claim 2 wherein said
- 2 interface is for the interactive control of production
- 3 operations.
- 1 9. The display interface of claim 8 wherein said
- 2 production operations are printing operations.
- 1 10. A method for interactively interfacing with a data
- 2 processor controlled display comprising:
- providing a first tree view of a hierarchy of
- 4 selectable elements in one region of a display interface
- 5 screen,
- 6 providing a second tree view of a hierarchy of
- 7 selectable elements in a second region of a display
- 8 interface screen,
- 9 enabling the interactive selection of an element
- 10 from either said first or said second tree views, and
- displaying additional data relative to a selected
- 12 element in another region of said screen in response to
- 13 the selection of an element.
- 1 11. The method of claim 10 including the further step of
- 2 interactively selecting an element from one of said tree
- 3 views.

- 1 12. The method of claim 11 wherein said first and second
- views are respective portions of the same hierarchical
- 3 tree.
- 1 13. The method of claim 12 wherein,
- 2 said selected element is a parent object, and
- said additional displayed data comprises the
- 4 attributes of a plurality of child objects of said
- 5 selected object.
- 1 14. The method of claim 10 further including the step
- 2 of,
- 3 interactively transferring elements from one of said
- 4 tree views of elements to another of said tree views.
- 1 15. The method of claim 14 wherein said transferring of
- 2 said elements is by drag and frop steps.
- 1 16. The method of claim 13 further including the step
- 2 of,
- interactively transferring objects from one of said
- 4 tree views of objects to another of said tree views.
- 1 17. The method of claim 16 wherein said transferring of
- 2 said objects is by drag and drop steps.
- 1 18. The method of claim 17 wherein said method is for
- 2 the interactive control of production operations.
- 1 19. The method of claim 18 wherein said production
- 2 operations are printing operations.



- 2 code included on a computer readable medium for a user
- 3 interactive interface to a computer controlled display
- 4 comprising:
- a first tree view of a hierarchy of selectable
- 6 elements in one region of a display interface screen,
- 7 a second tree view of a hierarchy of selectable
- 8 elements in a second region of a display interface
- 9 screen, and
- means responsive to the selection of an element from
- 11 either said first or second tree view for displaying
- 12 additional data relative to said selected element in
- 13 another region of said screen.
  - 1 21. The computer controlled display program of claim 20
  - 2 wherein said first and second views are respective
  - 3 portions of the same hierarchical tree.
  - 1 22. The computer controlled display program of claim 21
  - 2 wherein,
  - said selected element is a parent object, and
  - 4 said additional displayed data comprises the
- 5 attributes of a plurality of child objects of said
- 6 selected object.
- 1 23. The computer controlled display program of claim 20
- 2 further including means for interactively transferring
- 3 elements from one of said tree views\of elements to
- 4 another of said tree views.
- 1 24. The computer controlled display program of claim 23
- 2 wherein said means for transferring said elements are
- 3 drag and drop means.

- 1 25. The computer controlled display program of claim 22
- 2 further including means for interactively transferring
- 3 objects from one of said tree views of objects to another
- 4 of said tree views
- 1 26. The computer controlled display program of claim 25
- 2 wherein said means for transferring said objects are drag
- 3 and drop means.
- 1 27. The computer controlled display program of claim 21
- wherein said interface is for the interactive control of
- 3 production operations.
- 1 28. The computer controlled display program of claim 27
- 2 wherein said production operations are printing
- 3 operations.
- 1 29. A data processor controlled user interactive display
- 2 interface for controlling printers in a printer shop
- 3 operation comprising:
- a first tree view of a hierarchy of selectable
- 5 elements in one region of a display interface screen,
- a second tree view of a hierarchy of selectable
- 7 elements in a second region of a display interface
- 8 screen, and
- means responsive to the selection of an element from
- 10 either said first or second tree view for displaying
- 11 additional data relative to said selected element in
- 12 another region of said screen.

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